## MASSACHUSETTS RESIDENTS

	INJURY INTENT							
	Uninten-		tional	Undeter-	Other &	Total	Percent	Rate per
INJURY CAUSE	tional	Self- Inflicted	Assault	mined	Legal <sup>1</sup>	Number	of Total	100,000 <sup>2</sup>
Cut/pierce	0	0	5	0	0	5	0.4	0.1
Drowning/submersion	1	0	0	0		1	0.1	
Fall	464	0	0	0		464	37.4	7.2
Fire/burn	1	0	2	0		3	0.2	
Firearms	0	0	0	0	0	0	0.0	
Machinery	2					2	0.2	
Natural/environmental	0	0		0		0	0.0	
Overexertion	0					0	0.0	
Poisoning	1	0	0	2	0	3	0.2	
Struck by, against	104		51		1	156	12.6	2.4
Suffocation/hanging	0	0	0	0		0	0.0	
Transport Injuries:	461	0	0	0	0	461	37.1	7.2
Motor vehicle traffic-related	394	0	0			394	31.7	6.1
Occupant	304					304	24.5	4.7
Motorcyclist	25					25	2.0	0.4
Pedal cyclist	8					8	0.6	0.1
Pedestrian	52					52	4.2	0.8
Other person	2					2	0.2	
Unspecified person	3					3	0.2	
Pedal cyclist, other	35					35	2.8	0.5
Pedestrian, other	31					31	0.1 2.5	0.5
Other transport Other specified & classifiable	5	0	5	0	0	10	2.5 0.8	0.5
Other specified, not classifiable	3	0		0	0	5		0.2
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Unspecified	12	0	7	1	0	20	1.6	0.3
Adverse effects <sup>3</sup>						3	0.2	
No cause or intent provided						109	8.8	1.7
TOTALS	1,052	0	74	3	1	1,242	100%	19.3
RATE BY INTENT/per 100,000	16.4		1.2					

## Source: MA Outpatient Observation Stay Database, MA Division of Health Care Finance and Policy.

- -Injury subcategories are italicized.
- —Analysis is based on a fiscal year (Oct 1, 2002– Sep 30, 2003).
- —Only Massachusetts residents with valid zip codes (01001-02791, 05501, 05544) are included in this analysis.
- —Injury observation cases subsequently dying in the hospital are excluded from this analysis.
- —Population data used to calculate rates are based on 2003 population estimates generated by the US Census Bureau (www.census.gov/popest/states/asrh/files/SC-EST2003-race6-AL\_MO.csv). Rates are not age-adjusted.
- —Data were extracted and compiled by the Injury Surveillance Program, MDPH, January 2005.

<sup>&</sup>lt;sup>1</sup> Legal Intervention includes injuries resulting from police actions and operations of war.

<sup>&</sup>lt;sup>2</sup> Rates are not calculated on counts of less than five. Rates that are based on counts less than twenty may be unstable.

<sup>&</sup>lt;sup>3</sup> Adverse Effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).

<sup>—</sup>This database contains cases admitted to a hospital bed for "observation," these cases are not included in the Massachusetts Hospital Discharge Database.

<sup>—</sup>An injury-related "observation" case is defined as any case having an ICD9-CM Nature of Injury Code of 800-999 assigned to any of the ICD9 diagnosis fields [cases having the following codes are excluded if no other valid ICD9-CM code is assigned: Certain Adverse Effects (995.0-995.4, 995.6,995.7, 995.86, 995.89), Complications of Surgical & Medical Care (996-999), and certain Late Effects (909.3,909.5)].

<sup>—</sup>Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading.